

Claims

1. Process for managing messages between a decoder set and a system of conditional access control, in which the messages coming from the decoders are separated in packets, the packets of a same message being sequentially processed in the access control system, the packets coming from different messages being processed concurrently, this system including at least one module for processing the messages packets, each module giving on the one hand a message processed by said module and on the other hand service data related to the processing of said message packet, the process consisting in:

- introducing the packets of each message in at least one of the processing modules,
- processing, in each processing module, each message packet,
- collecting the service data of each processing module related to each message packet,
- organizing the service data collected according to a predetermined order,
- verifying if one of the packets has generated a processing error,
- grouping together in a first memory zone, called detailed memory, the service data of the messages for which at least one packet from the processing packets has generated an error,
- generating a receipt for all the messages for which the processing packets have not generated any error,
- grouping together in a second memory zone, called abstract memory, the receipts of messages without any error.

2. Process for managing messages according to claim 1, characterized in that the processing modules are set at least partially in series.

3. Process for managing messages according to claim 1, characterized in that the processing modules are set at least partially in parallel.